

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of generating a password for use by an end-user device (UE) to access a remote server, comprising:

sending a first request for access from the UE to the remote server;

creating a temporary identity for the UE by said remote server;

sending directly from said remote server to an authentication node in the UE's home network a second request for access, details of the request for access, said second request details including said temporary identity for the UE and an identity of said remote server;

at the authentication node ~~or the remote server~~, generating a ~~Hypertext Transfer Protocol (HTTP)~~ Digest challenge to said UE ~~using an algorithm capable of generating end user password, said challenge~~ including details of the temporary identity of the UE and said identity of said remote server;

at the authentication node, generating a first password based on said temporary identity of the UE and said identity of said remote server;

at the UE, generating a second password based on the ~~HTTP Digest challenge, said password being associated with the identity of the remote server and the temporary identity of the UE included in said received challenge~~;

storing the second password and the temporary identity of the UE at the UE; and sending an authentication response from said UE including ~~said temporary identity and a proof of possession of the second password~~ thereby establishing authentication between said UE and said remote server; and

in response to said authentication response from said UE, the authentication node sending a request response back to the remote server, said response including the first password, allowing said remote server and said UE to challenge and

authenticate a subsequent access request directly without sending said second request from said remote server to said authentication node.

2. (Currently Amended) The method in claim 1, wherein ~~the algorithm capable of generating end user passwords is HTTP~~ said authentication node uses HTTP Digest Authentication and Key Agreement (AKA) for generating said first password.

3-5. (Cancelled)

6. (Currently Amended) The method in claim 1 claim 5, wherein ~~the a~~ HTTP Digest challenge is generated at the authentication node and sent from the authentication node directly to the UE.

7. (Cancelled)

8. (Currently Amended) The method in claim 1 claim 5, further comprising authenticating the UE at the authentication node and redirecting the request for access from the authentication node to the remote server after the first password has been generated.

9-12. (Cancelled)

13. (Currently Amended) The method in claim 1 claim 11, further comprising including a HTTP Digest AKA challenge password in the information sent from the authentication node to the remote server and authenticating the UE at the remote server.

14. (Currently Amended) The method in claim 1 claim 9, further comprising authenticating the UE at the authentication node and returning an authentication result to the remote server.

15-17. (Cancelled)

18. (Currently Amended) A method of authentication an end-user device (UE) with a remote server, comprising the steps of:

receiving a first request for access from said UE by said remote server;
creating ~~the~~ a temporary identity for the UE by said remote server;
sending directly from said remote server to an authentication node in the UE's home network a second request for access, details of the request for access, said details said second request including said temporary identity created by said remote server and an identity of said remote server and instructing said authentication node to generate a ~~HyperText Transfer Protocol (HTTP) Digest challenge to said UE, said challenge including said temporary identity of the UE and said identity of said remote server using an algorithm capable of generating end user password with said details;~~

at the UE, generating a password based on the ~~HTIP Digest~~ challenge, said password being associated with the temporary identity of the UE created by said remote server;

storing the password and the temporary identity of the UE at the UE; and

receiving at said remote server a first authentication response from said UE including said temporary identity and a proof of possession of the password thereby establishing authentication between said UE and said remote server and allowing said remote server and said UE to challenge and authenticate a subsequent access request directly without sending said second request from said remote server to said authentication node.

19-22. (Cancelled)

23. (Currently Amended) The method in claim 18, wherein the challenge generated by the authentication node is an HTTP Digest challenge is generated at the authentication node and sent from the authentication node directly to the UE.

24. (Previously Presented) The method in claim 23, wherein the password is stored at the authentication node.

25. (Previously Presented) The method in claim 23, further comprising authenticating the UE at the authentication node and redirecting the request for access from the authentication node to the remote server after the password has been generated.

26-29. (Cancelled)

30. (Currently Amended) The method in claim 23 ~~claim 29~~, further comprising including a HTTP Digest AKA challenge password in the information sent from the authentication node to the remote server and authenticating the UE at the remote server.

31-33. (Cancelled)

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